

ABSTRACT

A system and method for improved software servicing by installation of an updated version is provided. Using branch
5 versioning techniques that support multi-branch development and release versioning techniques that support multi-version development, an update package may include updated files for each branch or release version. The least possible version from the update package may be installed to minimize the risk
10 for potential software bugs introduced by the high frequency of changes made to a higher version. Additionally, any fix installed on a target machine running a particular version may be migrated when updating the target machine to a new version without losing the fix and regressing the change. Such an
15 update may be uninstalled by reverse migration of any fixes before uninstalling files from the version update.